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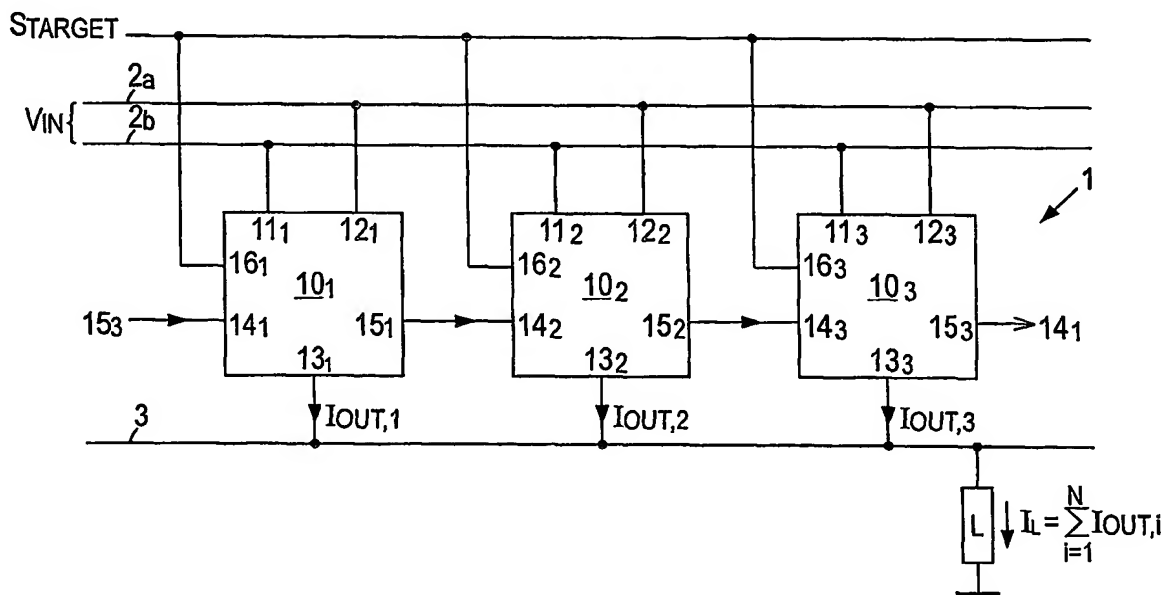
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(54) Title: SWITCHED MODE POWER SUPPLY



(57) Abstract: A switched mode power supply assembly (1) is described, which comprises a plurality of at least two, power supply modules (10). Each power supply module (10) cyclically coupled to each other. Each power supply module (10<sub>i</sub>) comprises synchronisation control means for generating a synchronisation control signal for a next neighbouring module (10<sub>i+1</sub>) and for receiving a synchronisation control signal from a previous neighbouring module (10<sub>i-1</sub>) in order to ensure interleaved operation of all modules. Low power modules are relatively easily manufacturable in high volume.

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